

AMENDMENTS TO THE ABSTRACT

Please add the following abstract to the end of the application:

A millimetre wave imaging apparatus comprises a scanning mechanism, a reflector lens and a receiver array. The scanning mechanism comprises two wedge prisms which scan radiation incident upon them across the receiver array in an elliptical pattern. This optical configuration is such that the pupil plane, defined by the scanning mechanism, is located optically at the centre of curvature of the focusing surface, which reduces coma and astigmatism optical aberrations.